RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	/0/009, 897A
Source:	1FW16
Date Processed by STIC:	10/28/04

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 10/28/2004

PATENT APPLICATION: US/10/009,897A

TIME: 15:44:40

Input Set : A:\Q67685.ST25.txt

3	<110>	APPLICANT: KATO, Shingo	
4		Kobayashi, Yoshio	
5		Hiraishi, Yoshiyuki	
6		Shimizu, Kayoko	
7		Sugita, Tetsuyoshi	
9	<120>	TITLE OF INVENTION: Method For Determining HIV-1 Subtype	
. 11	<130>	FILE REFERENCE: Q67685	
		CURRENT APPLICATION NUMBER: US 10/009,897A	
14	<141>	CURRENT FILING DATE: 2001-12-14	
16	<150>	PRIOR APPLICATION NUMBER: PCT/JP00/03896	
17	<151>	PRIOR FILING DATE: 2000-06-15	
19	<150>	PRIOR APPLICATION NUMBER: JP 1999-167736	
20	<151>	PRIOR APPLICATION NUMBER: JP 1999-167736 PRIOR FILING DATE: 1999-06-15 PRIOR APPLICATION NUMBER: JP 2000-23581	
22	<150>	PRIOR APPLICATION NUMBER: JP 2000-23581	
		PRIOR FILING DATE: 2000-02-01	
25	<160>	NUMBER OF SEQ ID NOS: 50	
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32	<213>	ORGANISM: Artificial	
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65	<210>	SEQ ID NO: 4	
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,897A

DATE: 10/28/2004 TIME: 15:44:40

Input Set : A:\Q67685.ST25.txt

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RAW SEQUENCE LISTING DATE: 10/28/2004
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Input Set : A:\Q67685.ST25.txt

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RAW SEQUENCE LISTING

DATE: 10/28/2004 TIME: 15:44:40 PATENT APPLICATION: US/10/009,897A

Input Set : A:\Q67685.ST25.txt

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DATE: 10/28/2004

TIME: 15:44:40

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,897A

Input Set : A:\Q67685.ST25.txt

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/009,897A
TIME: 15:44:41

Input Set : A:\Q67685.ST25.txt

Output Set: N:\CRF4\10282004\J009897A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:36; N Pos. 282
Seg#:38; N Pos. 102,126,193,263,292
Seq#:40; N Pos. 276
Seg#:41; N Pos. 41,111,244,286,299,300
Seq#:42; N Pos. 220,221,222,225,289,296,303
Seq#:43; N Pos. 16,40,50,70,71,72,73,74,75,76,77,78,88,89,90,91,92,93,109
Seq#:43; N Pos. 124
Seq#:44; N Pos. 50,64,65,66,67,68,69,77,79,80,81,91,92,93,94,95,96,112,113
Seq#:44; N Pos. 114
Seq#:45; N Pos. 18,28,73,74,75,76,77,78,88,89,90,91,92,93
Seq#:46; N Pos. 18,64,71,72,73
Seq#:47; N Pos. 70,71,72,74,100,101,102
Seq#:48; N Pos. 30,33,47,70,71,72,73,74,75,85,86,87
Seq#:49; N Pos. 17,27,45,47,48,52,70,71,72,73,74,75,76,77,78,86,88,89,90,91
Seq#:49; N Pos. 92,93,94,95,96
Seq#:50; N Pos. 17,21,37,39,47,49,58,64,70,71,72,74,75,83,84,85,86,87,88,89
Seq#:50; N Pos. 90,106,107,108,143
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Invalid <213> Response:

Seq#:35; N Pos. 102,220,221,222,284,285,296

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27 Seq#:28,29,30,31,32,33,34

VERIFICATION SUMMARY PATENT APPLICATION: US/10/009,897A DATE: 10/28/2004 TIME: 15:44:41

Input Set: A:\Q67685.ST25.txt
Output Set: N:\CRF4\10282004\J009897A.raw

L:466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:60 L:470 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:180 L:472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:240 L:497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:240 L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:60 "n" or "Xaa" used, for SEQ ID#:38 after pos.:120 L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:180 L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:240 L:561 M:341 W: (46) L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:240 L:642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0 L:644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:60 "n" or "Xaa" used, for SEQ ID#:41 after pos.:240 L:650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:180 L:693 M:341 W: (46) L:695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:240 L:697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:300 L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0 L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:60 L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:120 L:786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0 L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:60 L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0 L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:60 L:849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0 L:851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:60 L:880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:60 L:917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0 L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:60 L:971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0 L:973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:60

L:1050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0 L:1052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:60 L:1054 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:120